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Monitoring the IBM Elastic Storage Server Information

Length: 16.0 Hours
Ref: SSE11G □
Delivery method: Classroom
Price: AUD

Overview

The IBM Elastic Storage Server (ESS) is a big data storage system that combines Power servers, storage enclosures, and disks along with IBM Spectrum Scale and IBM Spectrum Scale RAID technology, providing analytic and technical computing storage and data services.

This instructor-led course provides an overview of the IBM Elastic Storage Server. It reviews benefits, features for protection from data loss, storage terms, hardware components, software components, and network considerations.

The course details the monitoring tasks to manage the Elastic Storage Server environment including working with the command line interface, working with graphical user interface, and to manage both file systems and filesets. It also reviews data collection and contact procedures for IBM service and support.

Public

This is a base course for individuals who are involved in administering, configuring, upgrading, and monitoring the IBM Elastic Storage Server.

Prerequisites

- The following courses or equivalent knowledge is recommended prior to this course:
- Introduction to Storage (*SS01G*)
 - IBM Spectrum Scale Basic Administration for Linux (*H005G*)

Topics

Unit 1. Introducing the ESS

- Discuss the benefits for the IBM Elastic Storage Server
- Assess the recoverability features of IBM Spectrum Scale RAID
- Define the IBM Elastic Storage Server storage structure and terms
- Paraphrase how data is protected in the IBM Elastic Storage Server

Unit 2. Defining the ESS components

- Summarize the ESS hardware
- Summarize the ESS software
- Identify the ESS network requirements

Unit 3. Monitoring the ESS

- Illustrate the CLI status commands for ESS hardware and configuration
- Relate how to manage ESS using the GUI

Unit 4. Managing the ESS file system and filesets

- Relate how to manage ESS file systems
- Relate how to manage ESS filesets

Unit 5. Managing the ESS service support

- Summarize the call home support for ESS
- Summarize IBM service tools for ESS

Lab demos are on:

- CLI Monitoring
- GUI Monitoring
- CLI File System
- GUI File System